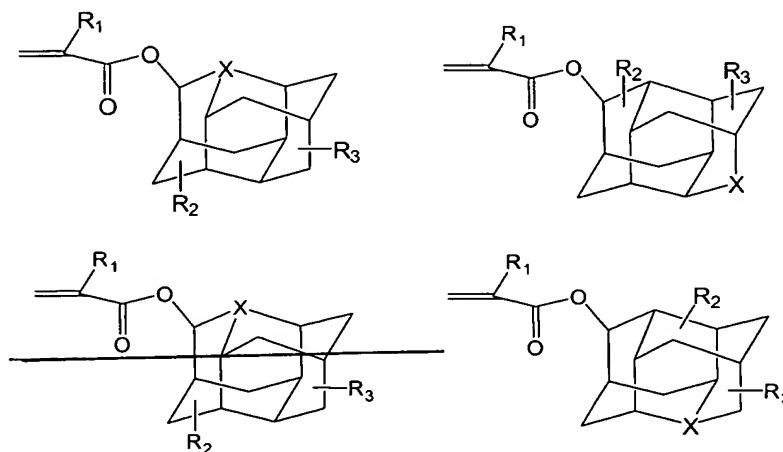


AMENDMENTS TO THE SPECIFICATION:

At page 38 of the specification, please insert the following heading and paragraph between lines 10 and 11:

Heteroatom-containing diamondoid pendant groups

A positive-acting photoresist composition may comprise a base resin polymerized from any of the following monors:



wherein R₁ is selected from the group consisting of -H and -CH₃;

R₂ is selected from the group consisting of -H, an alkyl group having from 1 to 4 carbon atoms, and an alkoxy group having from 1 to 4 carbon atoms;

R₃ is -H, or a hydrophilic-enhancing moiety selected from the group consisting of a hydroxyl group -OH, a keto group =O, carboxylic acid group -COOH, and alkoxy group -OR₄, and a group -OC(O)OR₄;

R₄ is -CH₃ or -C₂H₅;

X is selected from the group consisting of oxygen, nitrogen, boron, and sulfur.